

FIG. 1

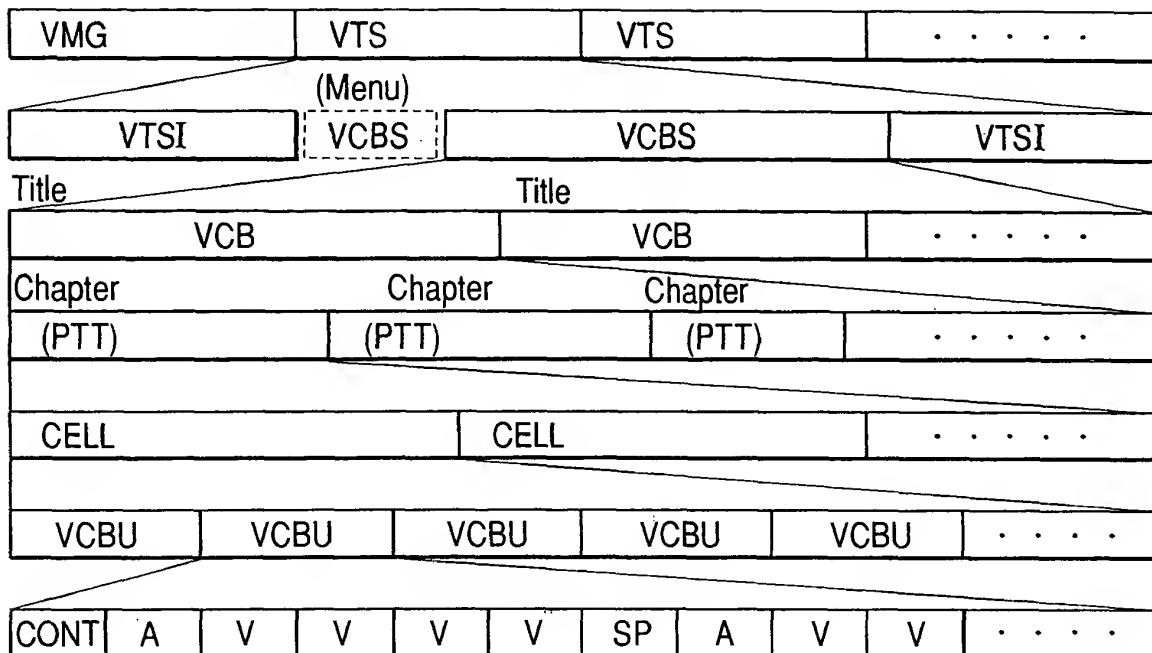
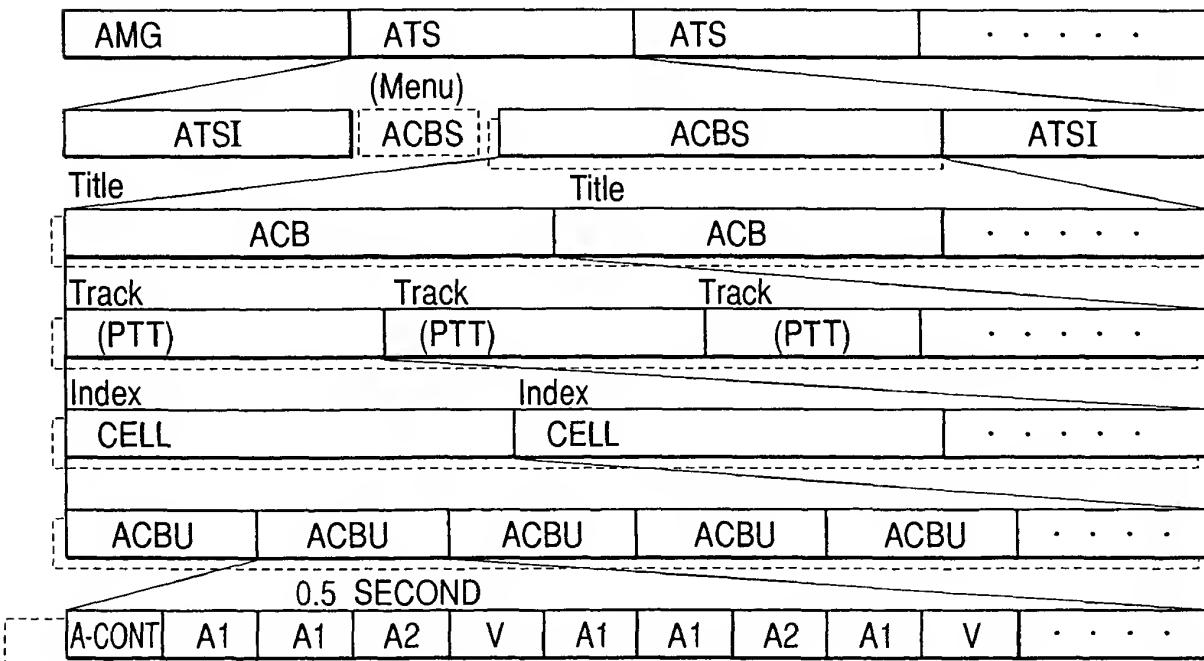
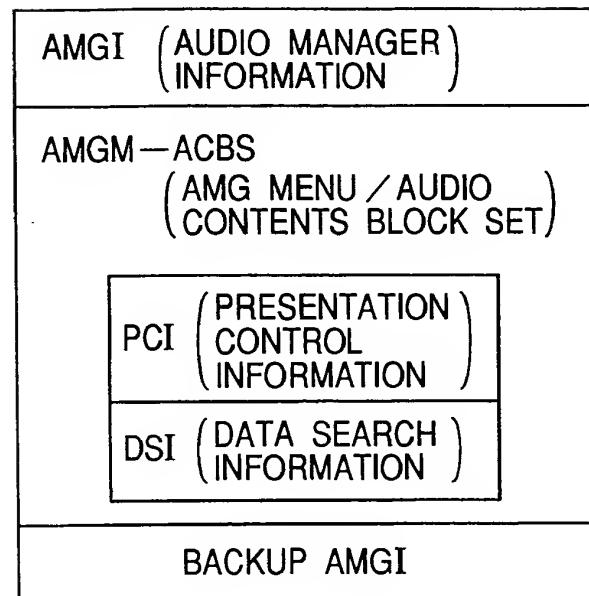


FIG. 2



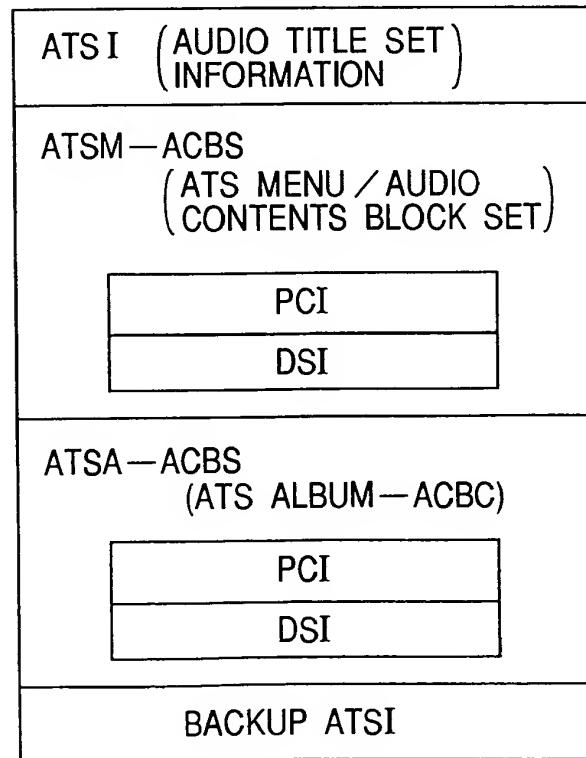
## FIG. 3

AMG (AUDIO MANAGER)



## FIG. 4

ATS (AUDIO TITLE SET)



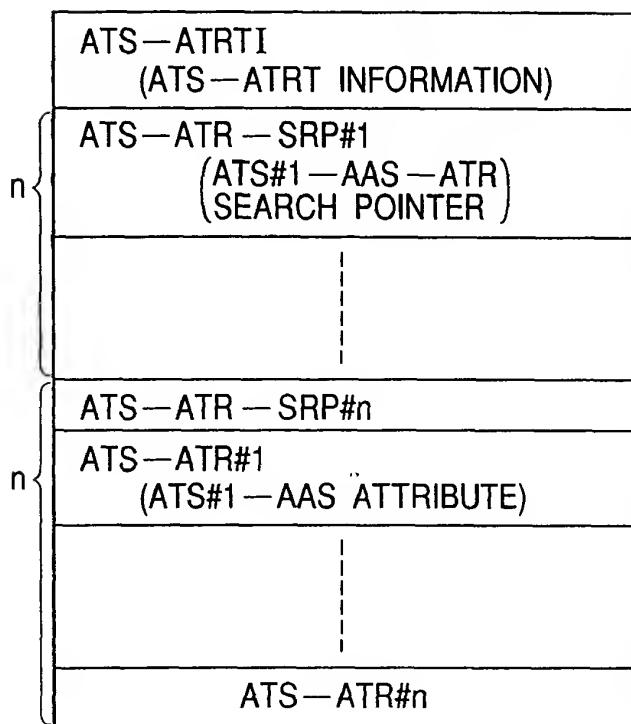
# FIG. 5

## AMGI (AUDIO MANAGER) INFORMATION

AMGI—MAT (AMGI MANAGEMENT TABLE)
T—SRPT (TITLE SEARCH POINTER TABLE)
AMGM—PGCI—UT (AUDIO MANAGER MENU) (PGCI UNIT TABLE)
PTL—MAIT (PARENTAL MANAGEMENT) (INFORMATION TABLE)
ATS—ATRT (AUDIO TITLE SET) (ATTRIBUTE TABLE)
TXTDT—MG (TEXT DATA MANAGER)
AMGM—C—ADT (AMGM CELL ADDRESS TABLE)
AMGM—ACBU—ADMAP (AMGM—ACBU—) (ADDRESS MAP)

**FIG. 6**

ATS—ATRT (AUDIO TITLE SET)  
ATTRIBUTE TABLE

**FIG. 7**

ATS-ATR (ATS ATTRIBUTE)

ATS-ATR-EA (END ADDRESS)	4 BYTES
ATS-CAT (CATEGORY)	4 BYTES
ATS-ATR I (ATS-ATR INFORMATION)	768 BYTES

# FIG. 8

## ATSI (AUDIO TITLE SET) INFORMATION

ATSI—MAT (ATSI MANAGEMENT TABLE)
ATS—PTT—SRPT (ATS PART OF TITLE SEARCH POINTER TABLE)
ATS—PGCIT (ATS PROGRAM CHAIN INFORMATION TABLE)
ATSM—PGCI—UT (ATS MENU PROGRAM CHAIN UNIT TABLE)
ATS—TMAPT (ATS TIME MAP TABLE)
ATSM—C—ADT (ATS MENU CELL ADDRESS TABLE)
ATSM—ACBU—ADMAP (ATS MENU ACBU ADDRESS MAP)
ATS—C—ADT (ATS CELL ADDRESS TABLE)
ATS—ACBU—ADMAP (ATS—ACBU—ADDRESS MAP)

## FIG. 9

ATSI—MAT  
(ATSI MANAGEMENT TABLE)

ATS — ID (IDENTIFIER)	
ATS—EA (END ADDRESS)	
ATSI—EA	
VERN (VERSION NUMBER)	
ATS—CAT (CATEGORY)	
ATSI—MAT—EA	
ATSM—ACBS—SA (START ADDRESS)	
ATSA—ACBS—SA	
ATS—PTT—SRPT—SA	
ATS—PGCIT—SA	
ATSM—PGCI—UT—SA	
ATS—TMAPT—SA	
ATSM—C—ADT—SA	
ATSM—ACBU—ADMAP—SA	
~ ~	
ATSM—AST—ATR (ATSM AUDIO STREAM) (ATTRIBUTE)	
ATS—AST—Ns (ATS AUDIO STREAM NUMBER)	
ATS—AST—ATRT (ATS AUDIO STREAM) (ATTRIBUTE TABLE)	
~	

**FIG. 10**

ATSM—AST—ATR (AUDIO TITLE SET MENU AUDIO)  
 STREAM ATTRIBUTE DATA

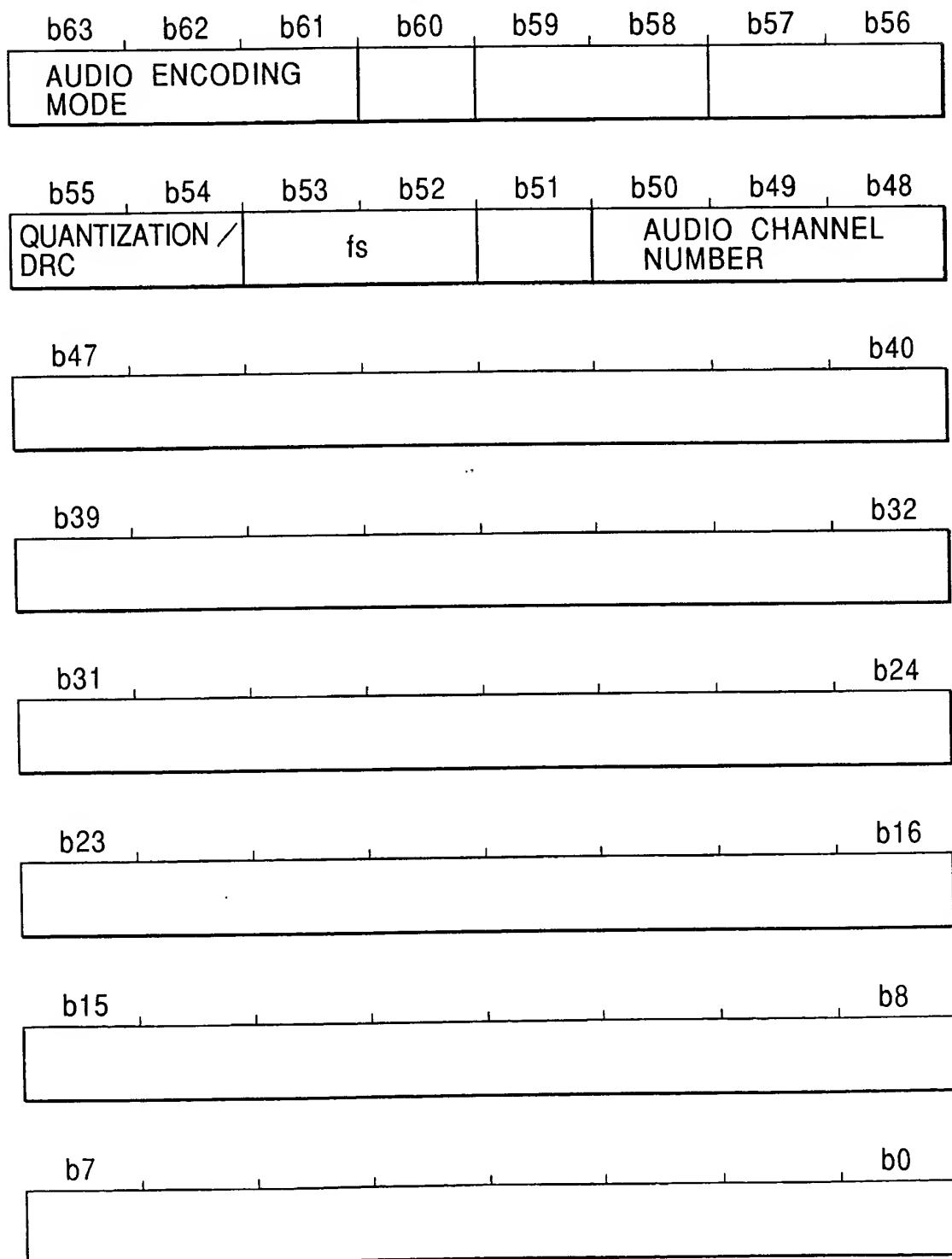


FIG. 11

ATS—AST—ATR	
AUDIO STREAM	(AST) #0
AUDIO STREAM	(AST) #1
AUDIO STREAM	(AST) #2
AUDIO STREAM	(AST) #3
AUDIO STREAM	(AST) #4
AUDIO STREAM	(AST) #5
AUDIO STREAM	(AST) #6
AUDIO STREAM	(AST) #7

**FIG. 12**

ATS—AST—ATR (AUDIO TITLE SET AUDIO  
STREAM ATTRIBUTE DATA )

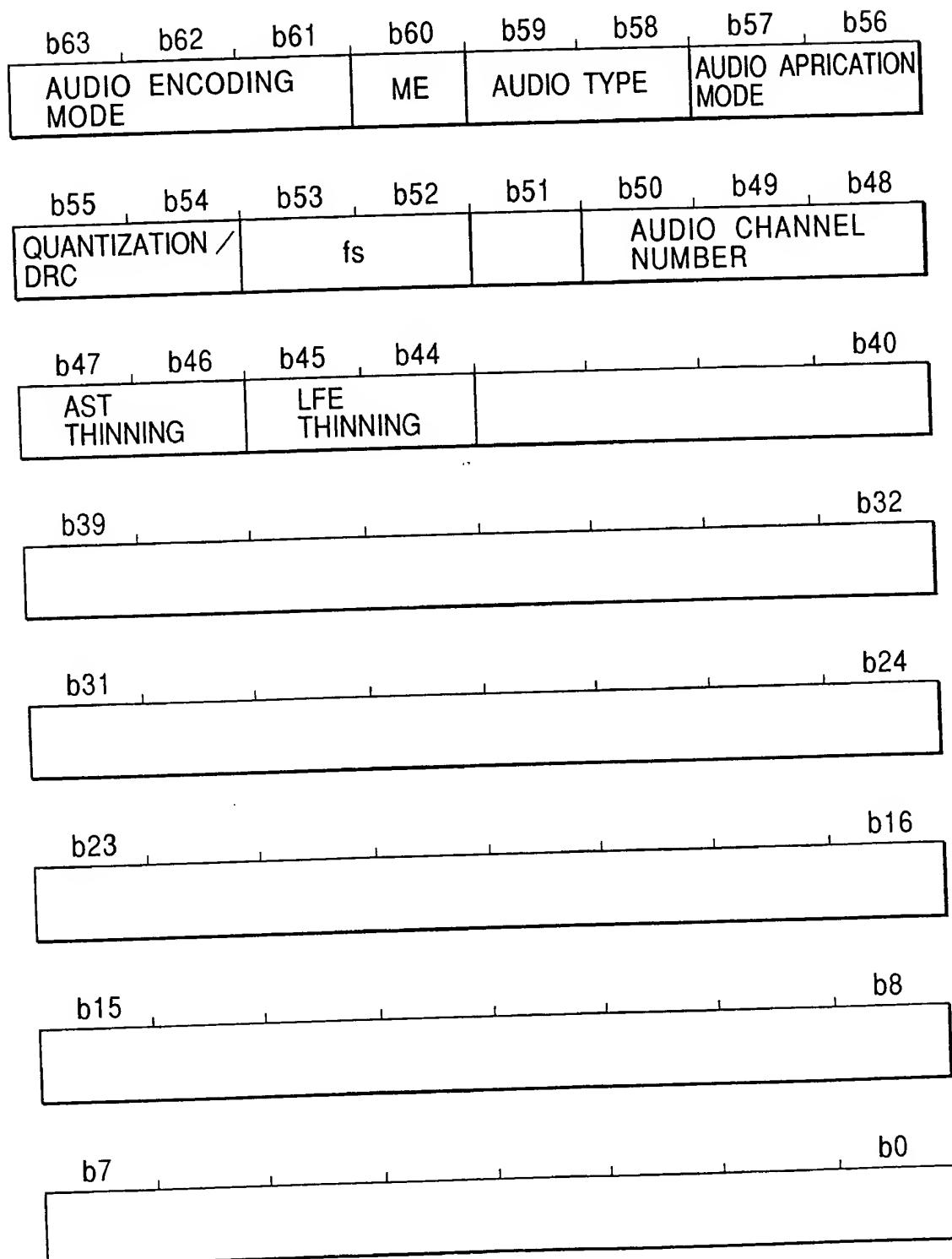


FIG. 13

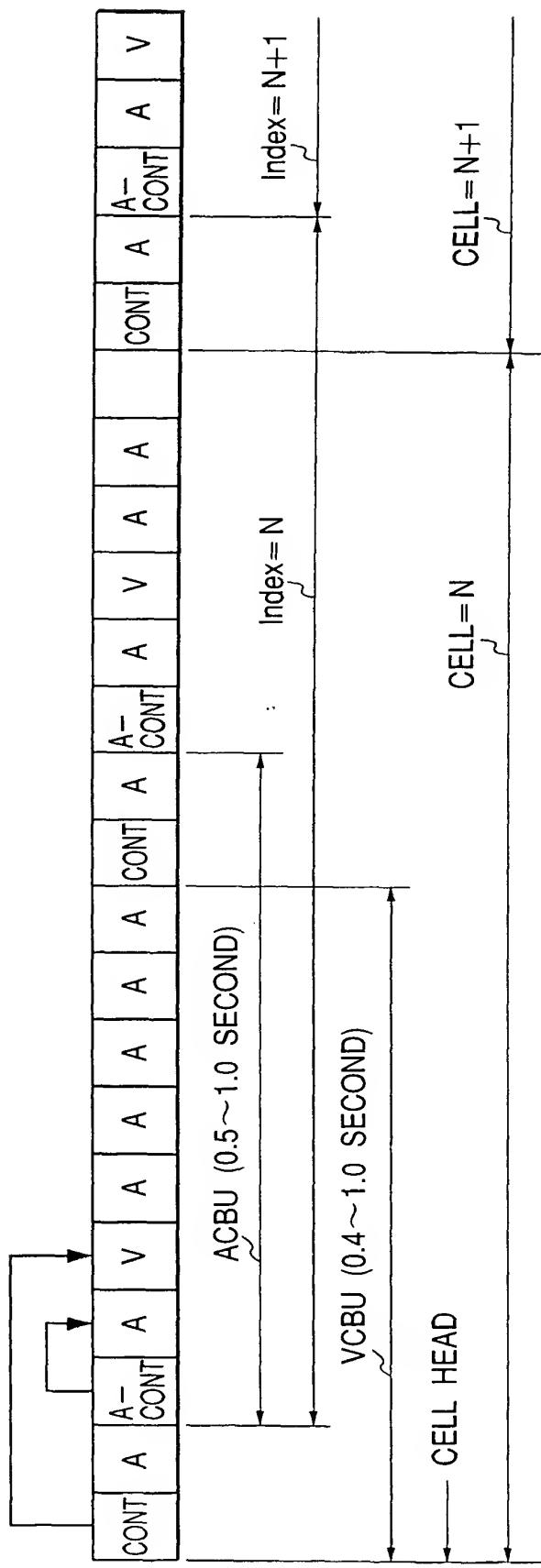


FIG. 14

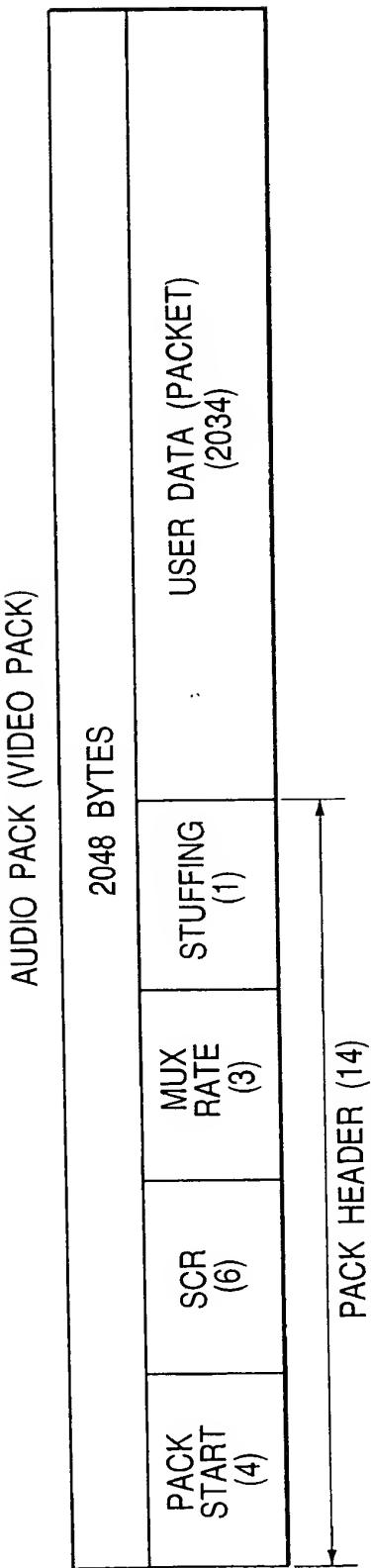
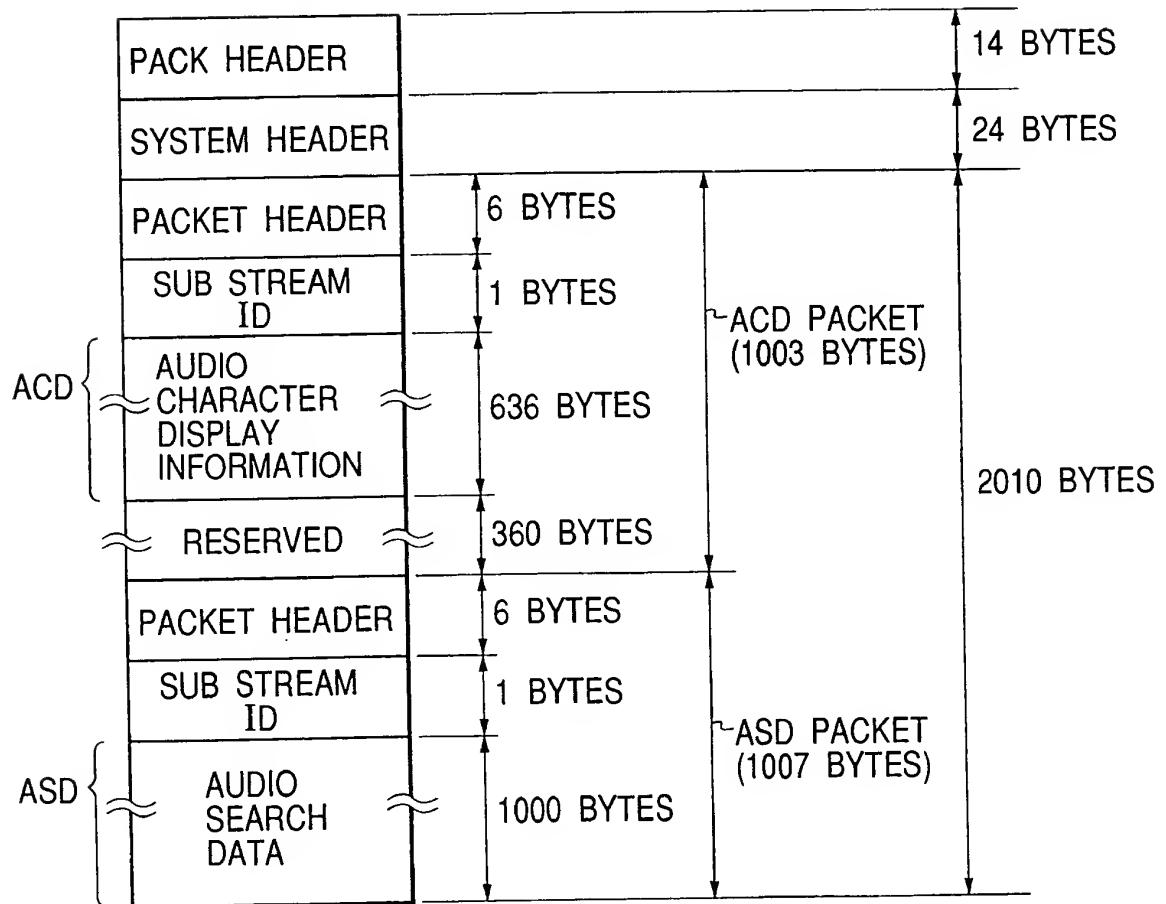


FIG. 15

AUDIO CONTROL PACK (2048 BYTES)



**FIG. 16**

ACD (636 BYTES)

GENERAL INFORMATION	48 BYTES	
NAME SPACE	93 BYTES	93 BYTES
FREE SPACE 1	93 BYTES	93 BYTES
FREE SPACE 2	93 BYTES	93 BYTES
DATA POINTER	15 BYTES	15 BYTES
TOTAL	294 BYTES	294 BYTES

FIRST LANGUAGE      SECOND LANGUAGE

**FIG. 17**

キョクモクカイセツ  
前作のエディング曲  
"FORGET-ME-NOT"

FIG. 18

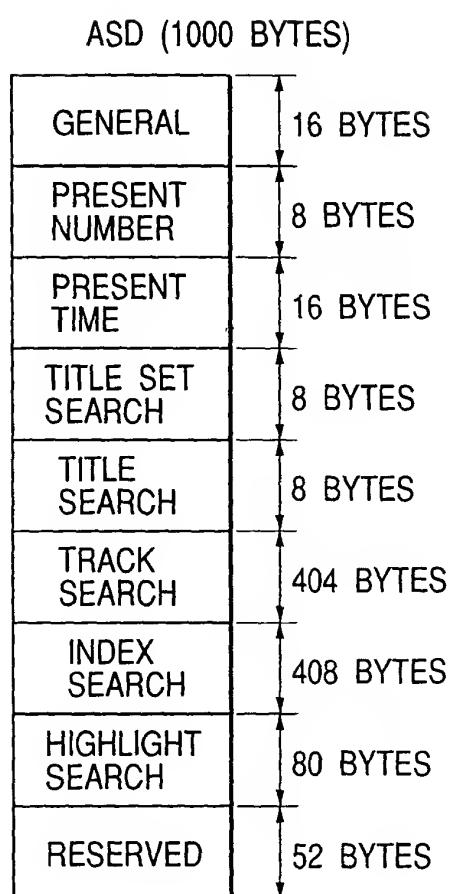


FIG. 19

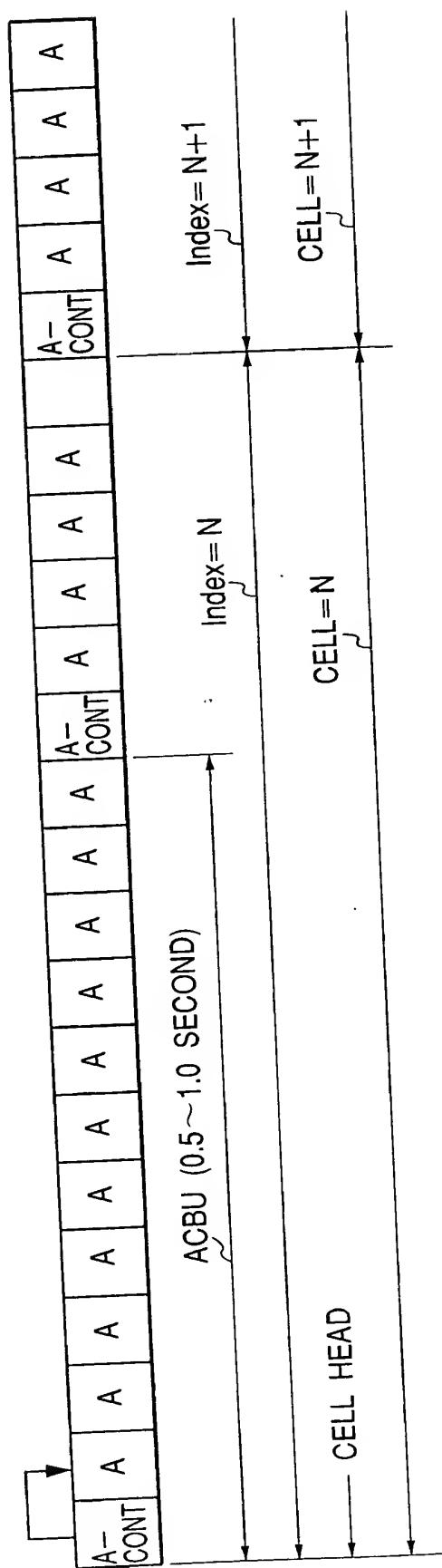


FIG. 20

	2CH (STEREO)	6CH	8CH	Mbps	TIME (MIN)	ABOVE 80MIN
2ch	48khz / 16bit (1.536Mbps)			1.536	387	*
	48khz / 20bit (1.920Mbps)			1.920	310	*
	48khz / 24bit (2.304Mbps)			2.304	258	*
	96khz / 16bit (3.072Mbps)			3.072	194	*
	96khz / 20bit (3.804Mbps)			3.804	156	*
	96khz / 24bit (4.608Mbps)			4.608	129	*
	192khz / 16bit (6.144Mbps)			6.144	97	*
	192khz / 20bit (7.680Mbps)			7.680	78	
	192khz / 24bit (9.216Mbps)			9.216	65	
2+6ch	48khz / 16bit (1.536Mbps)	48khz / 16bit (4.608Mbps)		6.144	97	*
		48khz / 20bit (5.760Mbps)		7.296	82	*
		48khz / 24bit (6.912Mbps)		8.448	70	
	48khz / 20bit (1.920Mbps)	48khz / 16bit (4.608Mbps)		6.528	91	*
		48khz / 20bit (5.760Mbps)		7.680	78	
		48khz / 24bit (6.912Mbps)		8.832	67	
	48khz / 24bit (2.304Mbps)	48khz / 16bit (4.608Mbps)		6.912	86	*
2+8ch		48khz / 20bit (5.760Mbps)		8.064	74	
		48khz / 24bit (6.912Mbps)		9.216	65	
	96khz / 16bit (3.072Mbps)	48khz / 16bit (4.608Mbps)		7.680	78	
		48khz / 20bit (5.760Mbps)		8.832	67	
	96khz / 20bit (3.840Mbps)	48khz / 16bit (4.608Mbps)		8.448	71	
6ch		48khz / 20bit (5.760Mbps)		9.600	62	
	96khz / 24bit (4.608Mbps)	48khz / 16bit (4.608Mbps)		9.216	65	
	48khz / 16bit (1.536Mbps)		48khz / 16bit (6.144Mbps)	7.680	78	
			48khz / 20bit (7.680Mbps)	9.216	65	
8ch	48khz / 20bit (1.920Mbps)		48khz / 16bit (6.144Mbps)	8.064	74	
			48khz / 20bit (7.680Mbps)	9.600	62	
			48khz / 24bit (9.216Mbps)	9.216	65	
			48khz / 16bit (6.144Mbps)	6.144	97	*
			48khz / 20bit (7.680Mbps)	7.680	78	
			48khz / 24bit (9.216Mbps)	9.216	65	

**FIG. 21**

	2CH	FRONT 3CH	REAR 2CH, LFE 1CH	Mbps	TIME
2+6ch	48khz /16bit (1.536Mbps)	96khz /16bit (4.608Mbps)	48khz /16bit (2.304Mbps)	8.448	70
	"	96khz /20bit (5.760Mbps)	48khz /16bit (2.304Mbps)	9.6	62
	48khz /20bit (1.920Mbps)	96khz /16bit (4.608Mbps)	48khz /16bit (2.304Mbps)	8.832	67

**FIG. 22**

	2CH	FRONT 3CH	REAR 2CH	Mbps	TIME
2+5ch	48khz /16bit (1.536Mbps)	96khz /20bit (5.760Mbps)	48khz /16bit (1.536Mbps)	8.832	67
	48khz /20bit (1.920Mbps)	96khz /20bit (5.760Mbps)	48khz /16bit (1.536Mbps)	9.216	65
	48khz /20bit (1.920Mbps)	96khz /20bit (5.760Mbps)	48khz /20bit (1.920Mbps)	9.6	62

**FIG. 23**

	FRONT 3CH	REAR 2CH, LFE 1CH	Mbps	TIME
6ch	96khz /16bit (4.608Mbps)	48khz /16bit (2.304Mbps)	6.912	86
	96khz /20bit (5.760Mbps)	48khz /16bit (2.304Mbps)	8.064	74
		48khz /20bit (2.880Mbps)	8.64	68
		48khz /24bit (3.456Mbps)	9.216	65
	96khz /24bit (6.912Mbps)	48khz /16bit (2.304Mbps)	9.216	65

FIG. 24

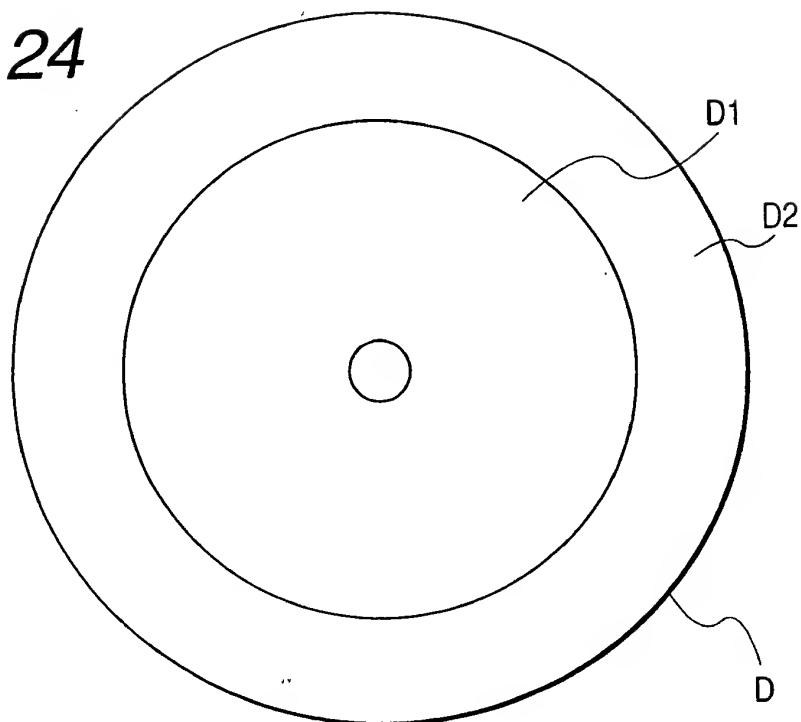


FIG. 25

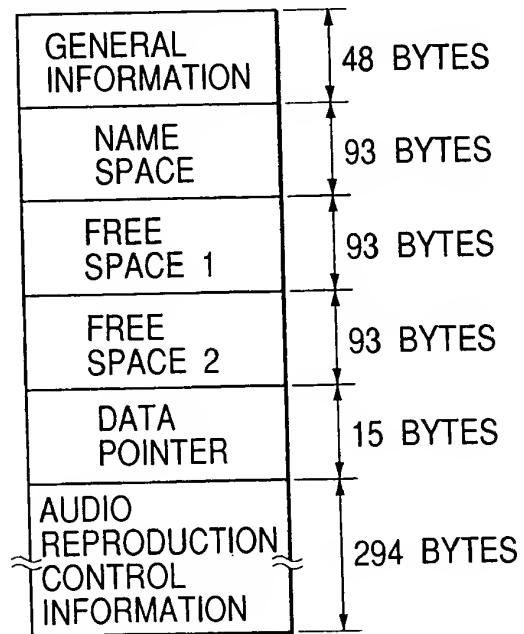


FIG. 26

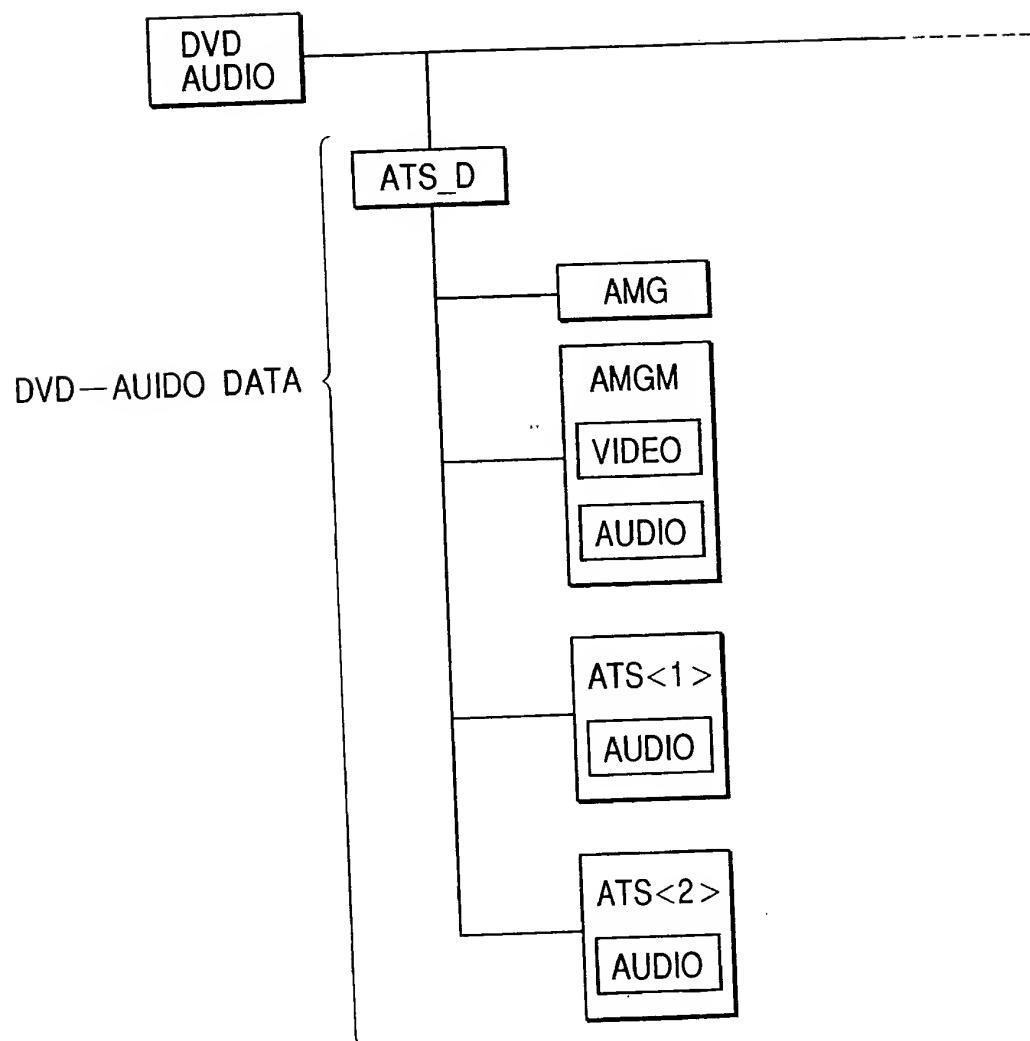


FIG. 27

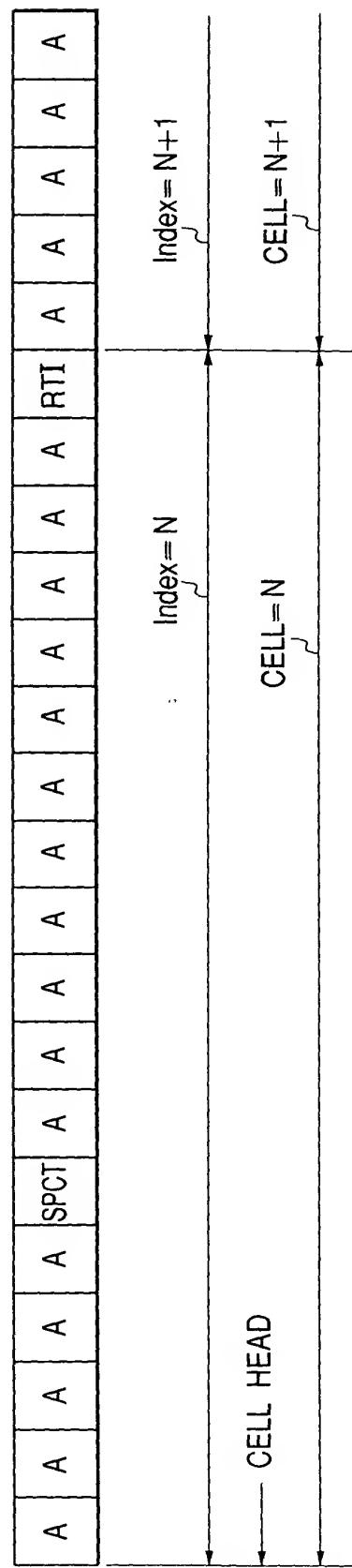


FIG. 28

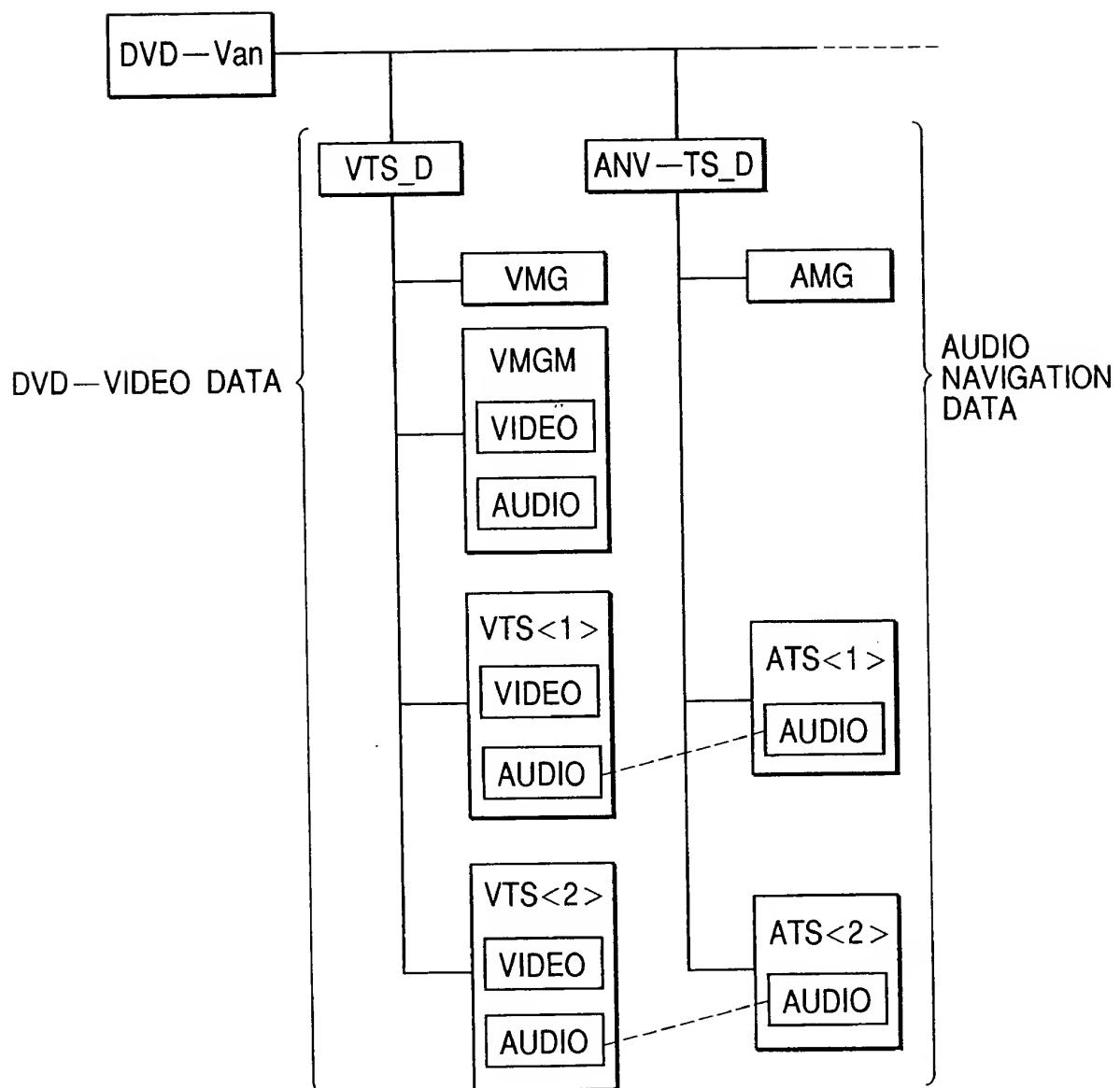


FIG. 29

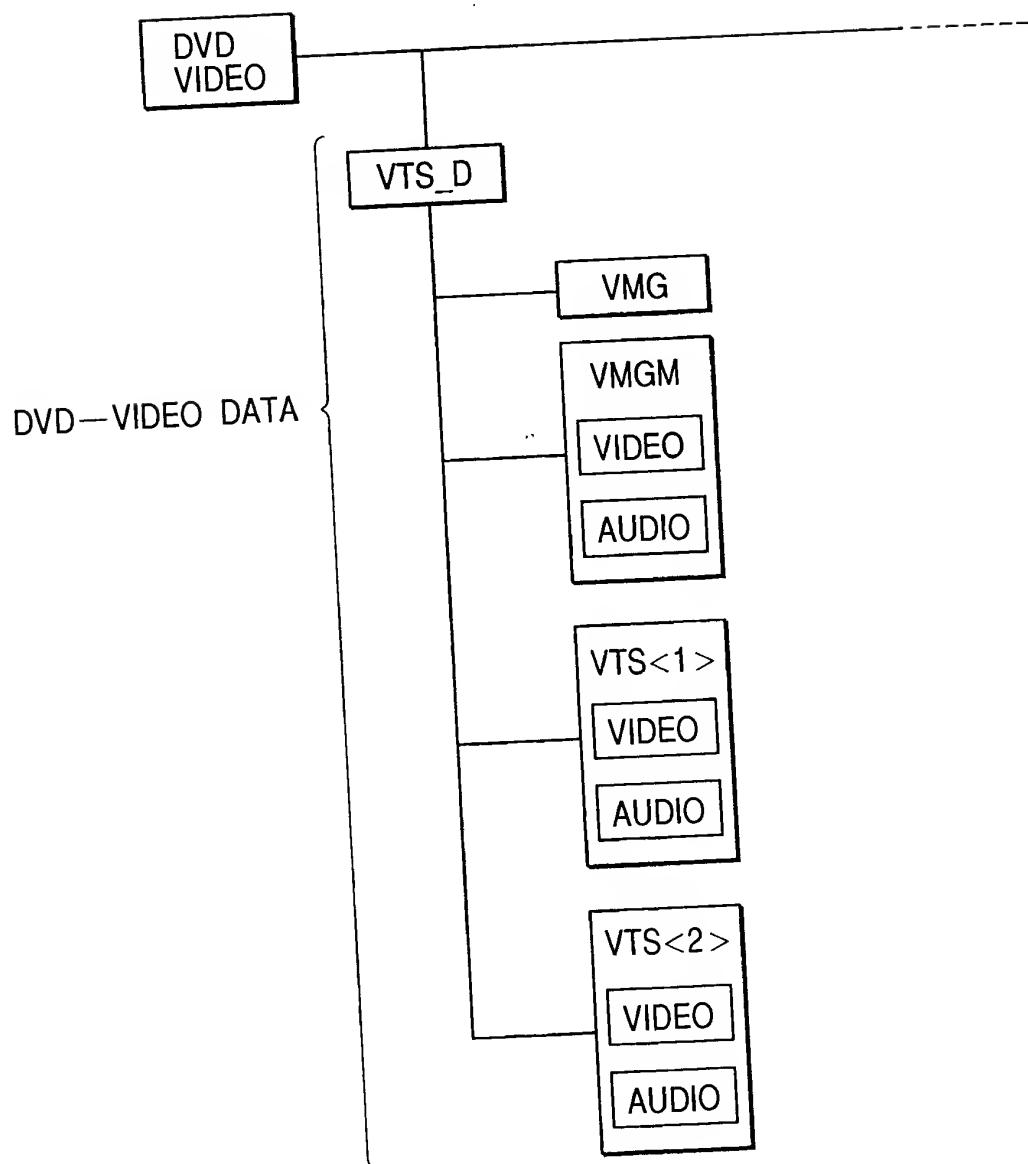


FIG. 30

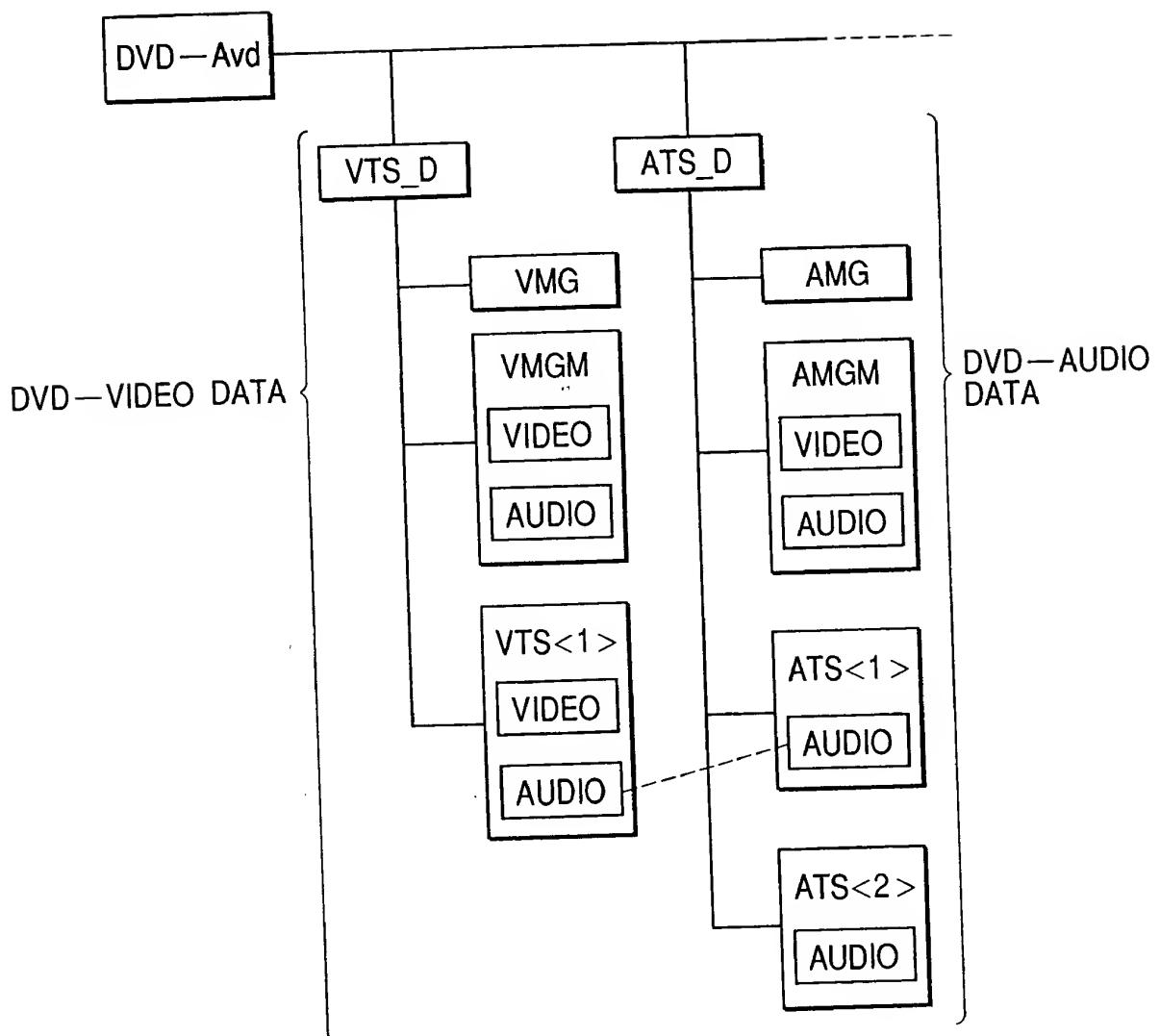


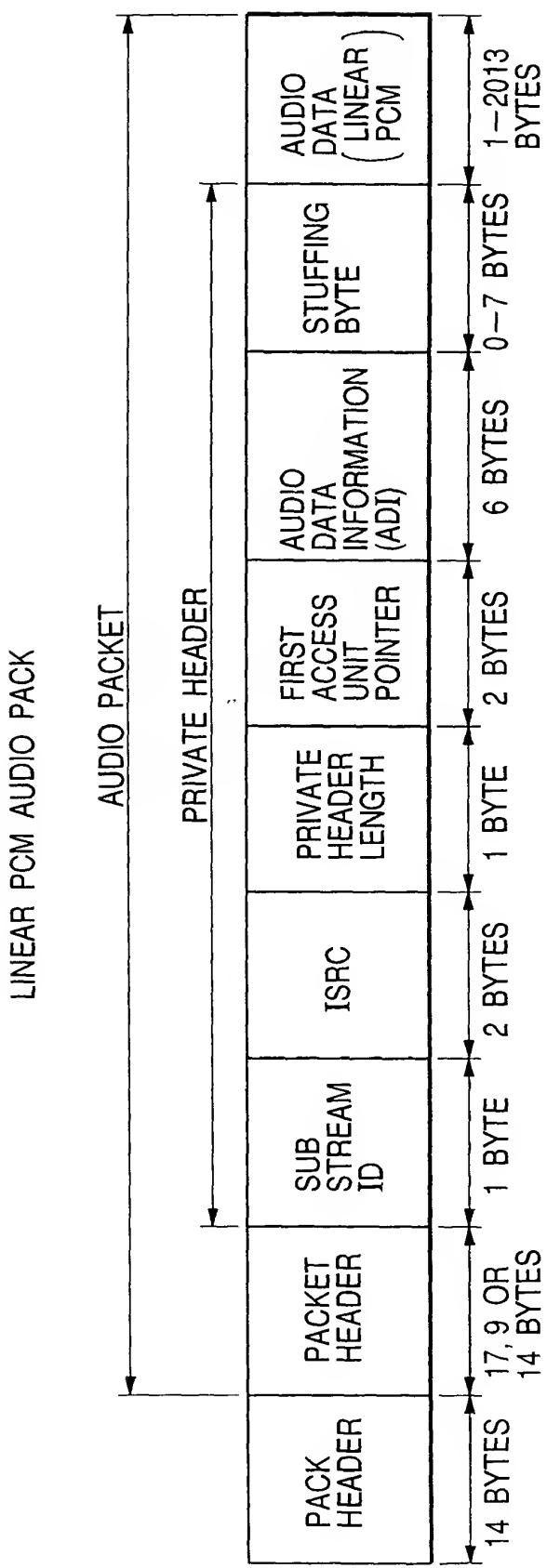
FIG. 31

### AOTT—AOB—ATR

FIG. 32

CHANNEL ASSIGNMENT INFORMATION (BIT PATTERN)	CHANNEL STRUCTURE OF GROUPS 1, 2						CHANNEL NUMBER IN GROUP 1	CHANNEL NUMBER IN GROUP 2
	ACH0	ACH1	ACH2	ACH3	ACH4	ACH5		
00000b	C(mono)	none	none	none	none	none	1	0
00001b	L	R	none	none	none	none	2	0
00010b	Lf	Rf	S	none	none	none	2	1
00011b	Lf	Rf	Ls	Rs	none	none	2	2
00100b	Lf	Rf	LFE	none	none	none	2	1
00101b	Lf	Rf	LFE	S	none	none	2	2
00110b	Lf	Rf	LFE	Ls	Rs	none	2	3
00111b	Lf	Rf	C	none	none	none	2	1
01000b	Lf	Rf	C	S	none	none	2	2
01001b	Lf	Rf	C	Ls	Rs	none	2	3
01010b	Lf	Rf	C	LFE	none	none	2	2
01011b	Lf	Rf	C	LFE	S	none	2	3
01100b	Lf	Rf	C	LFE	Ls	Rs	2	4
01101b	Lf	Rf	C	S	none	none	3	1
01110b	Lf	Rf	C	Ls	Rs	none	3	2
01111b	Lf	Rf	C	LFE	none	none	3	1
10000b	Lf	Rf	C	LFE	S	none	3	2
10001b	Lf	Rf	C	LFE	Ls	Rs	3	3
10010b	Lf	Rf	Ls	Rs	LFE	none	4	1
10011b	Lf	Rf	Ls	Rs	C	none	4	1
10100b	Lf	Rf	Ls	Rs	C	LFE	4	2
OTHERS	RESERVED							
	CHANNEL GROUP 1				CHANNEL GROUP 2			

FIG. 33



**FIG. 34**

## LINEAR PCM PRIVATE HEADER

FILED	BIT NUMBER	BYTE NUMBER
SUB STREAM ID	8	1
RESERVED	4	
ISRC NUMBER	4	2
ISRC DATA	8	
PRIVATE HEADER LENGTH	8	1
FIRST ACCESS UNIT POINTER	16	2
AUDIO EMPHASIS FLAG	1	
RESERVED	1	
RESERVED	2	1
DOWN MIX CODE	4	
QUANTIZATION WORD LENGTH 1	4	
QUANTIZATION WORD LENGTH 2	4	1
AUDIO SAMPLING FREQUENCY fs 1	4	
AUDIO SAMPLING FREQUENCY fs 2	4	1
RESERVED	4	
MULTICHANNEL TYPE	4	1
RESERVED	3	
CHANNEL ASSIGNMENT	5	1
DYNAMIC RANGE CONTROL	8	1
STUFFING BYTE	—	0—7

ADI

**FIG. 35**

AOTT—VOB—AST—ATR

b127 b126 b125 b124 b123 b122 b121 b120

AUDIO ENCODING MODE

b119 b118 b117 b116 b115 b114 b113 b112

b111 b110 b109 b108 b107 b106 b105 b104

Q

b103 b102 b101 b100 b99 b98 b97 b96

fs

b95 b94 b93 b92 b91 b90 b89 b88

MULTICHANNEL STRUCTURE TYPE CHANNEL ASSIGNMENT

b87 b86 b85 b84 b83 b82 b81 b80

DECODING AUDIO STREAM NUMBER

b79 b78 b77 b76 b75 b74 b73 b72

MPEG AUDIO DRC COMPRESSION AUDIO CHANNEL NUMBER

b71 b70 b69 b68 b67 b66 b65 b64

b63 b62 b61 b60 b59 b58 b57 b56

b55 b54 b53 b52 b51 b50 b49 b48

b47 b46 b45 b44 b43 b42 b41 b40

b39 b38 b37 b36 b35 b34 b33 b32

b31 b30 b29 b28 b27 b26 b25 b24

b23 b22 b21 b20 b19 b18 b17 b16

b15 b14 b13 b12 b11 b10 b9 b8

b7 b6 b5 b4 b3 b2 b1 b0

FIG. 36

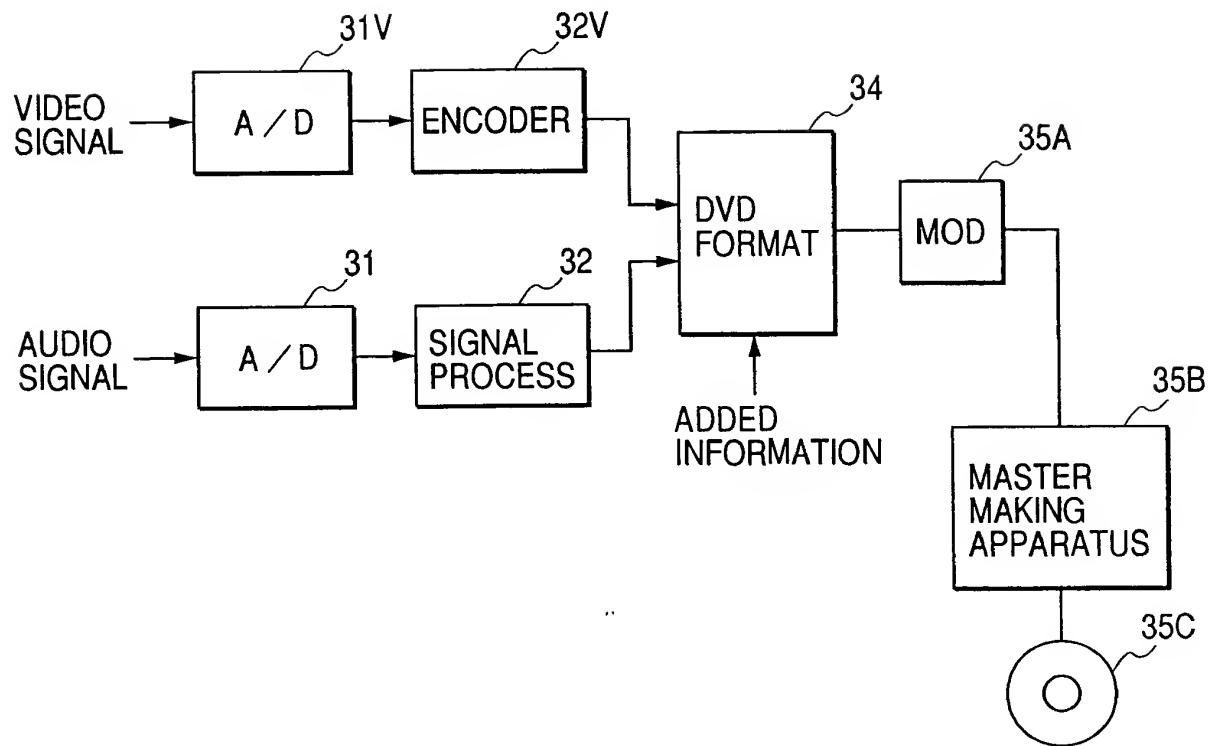


FIG. 37

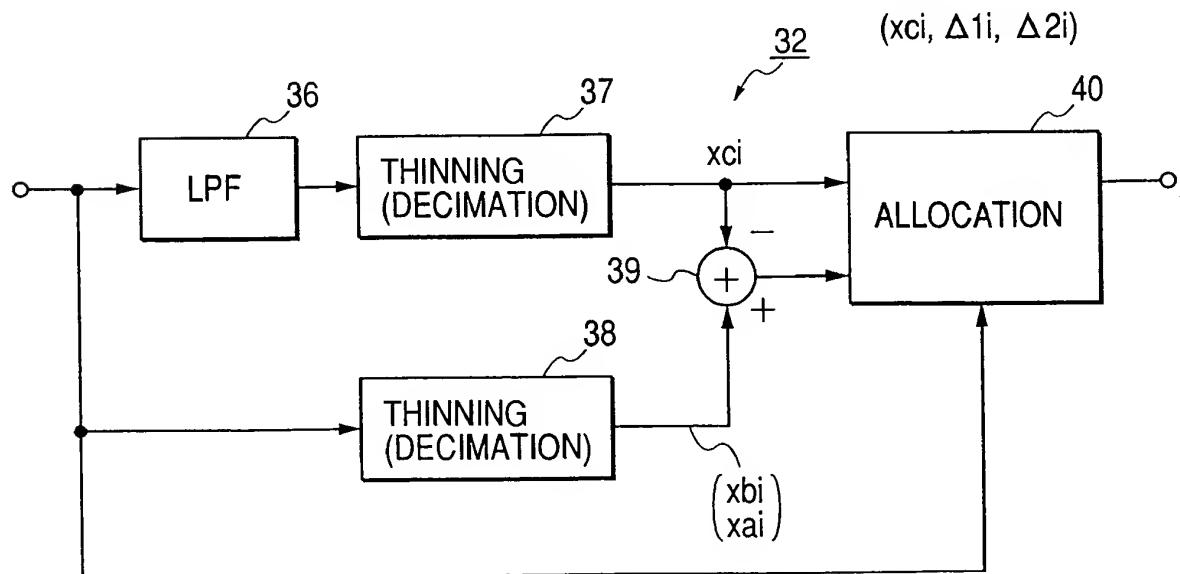


FIG. 38

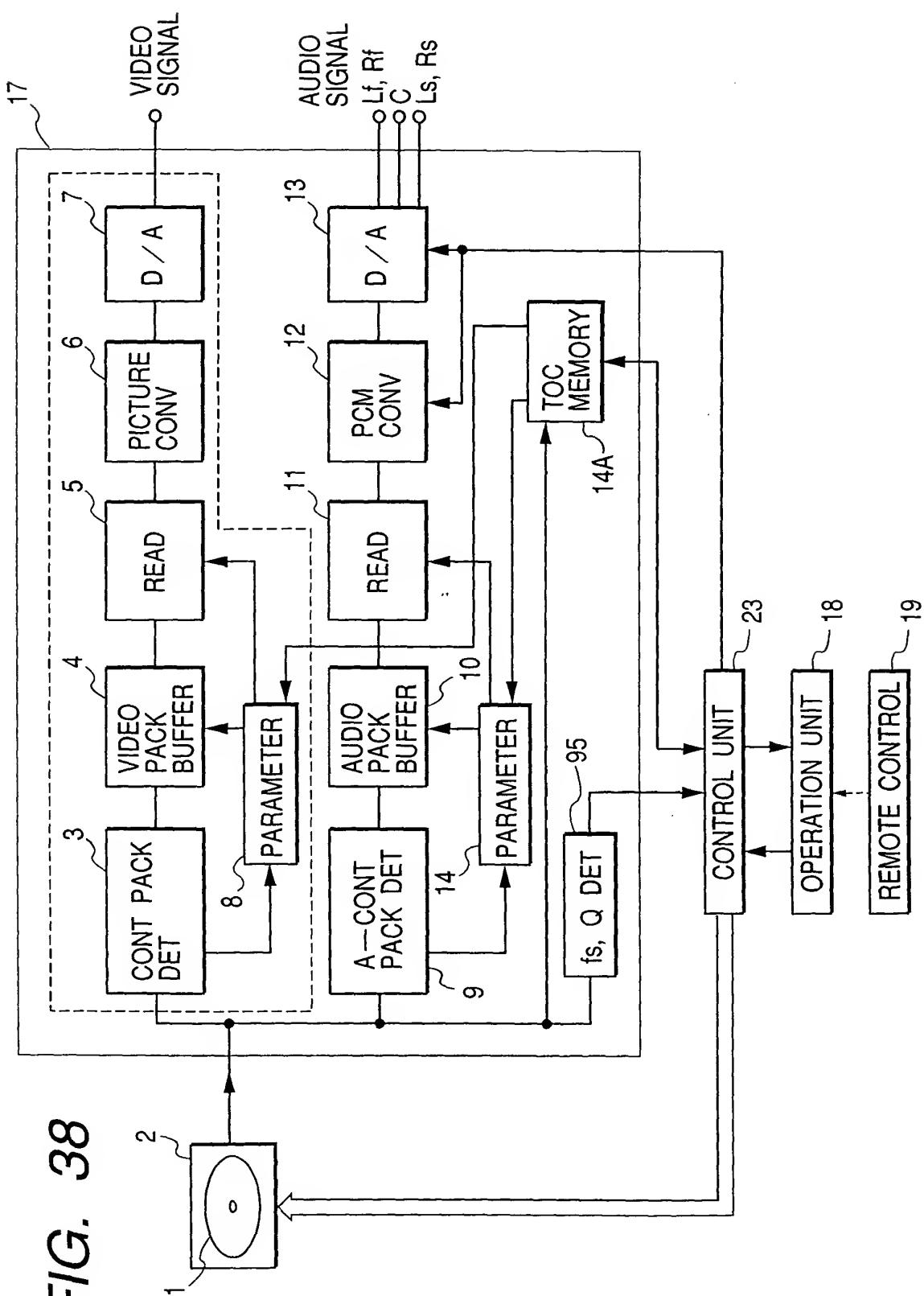
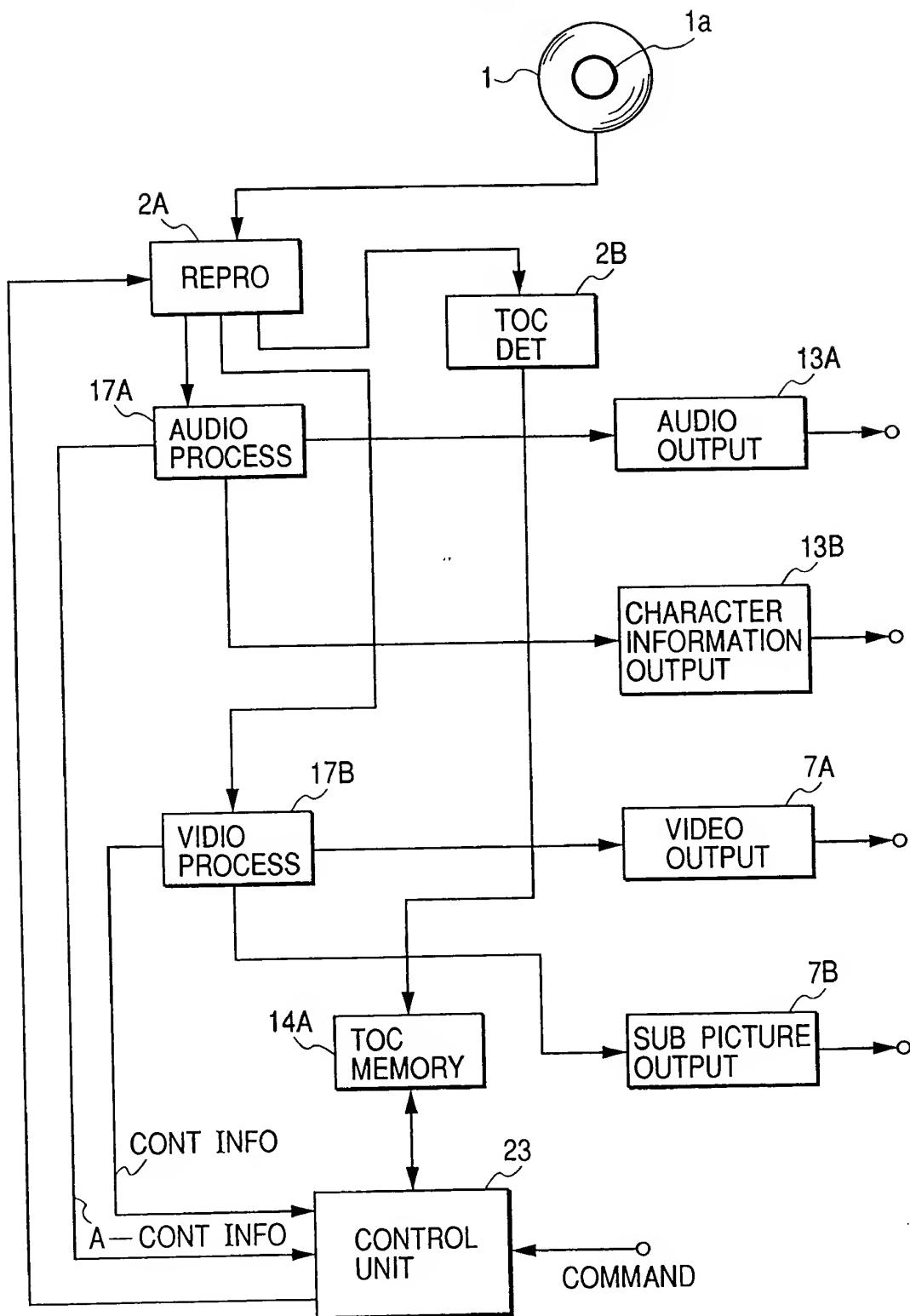


FIG. 39



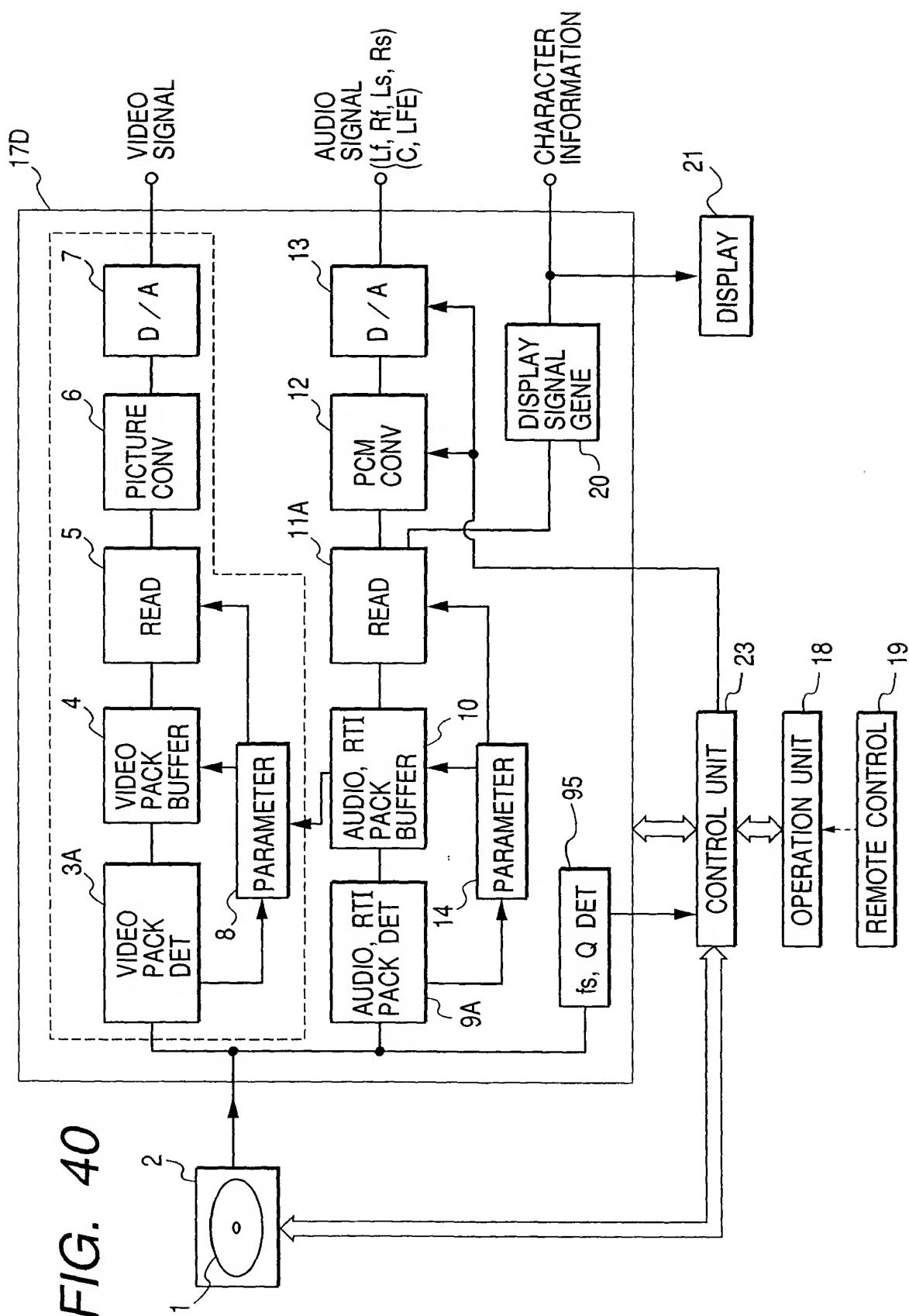


FIG. 41

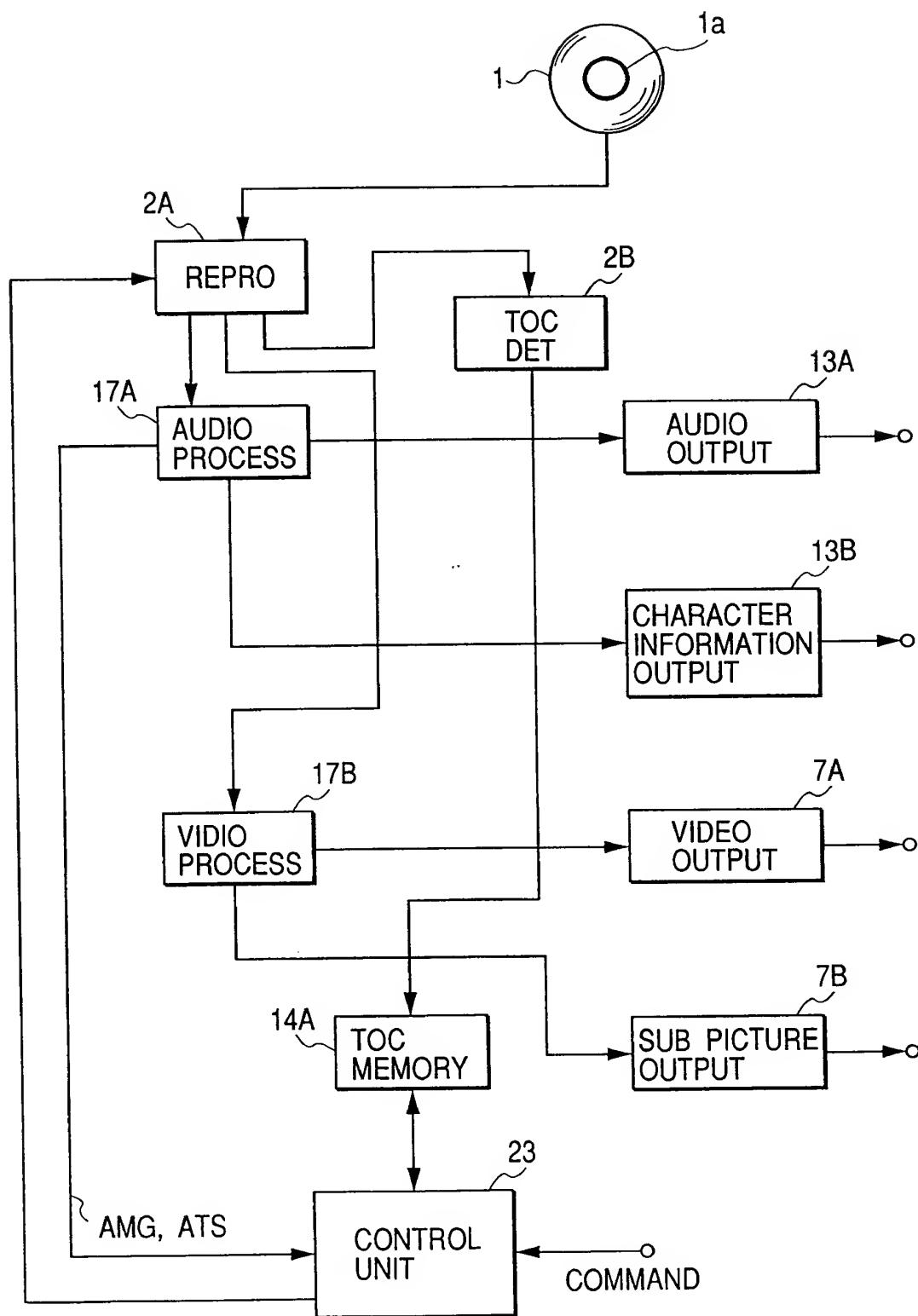


FIG. 42

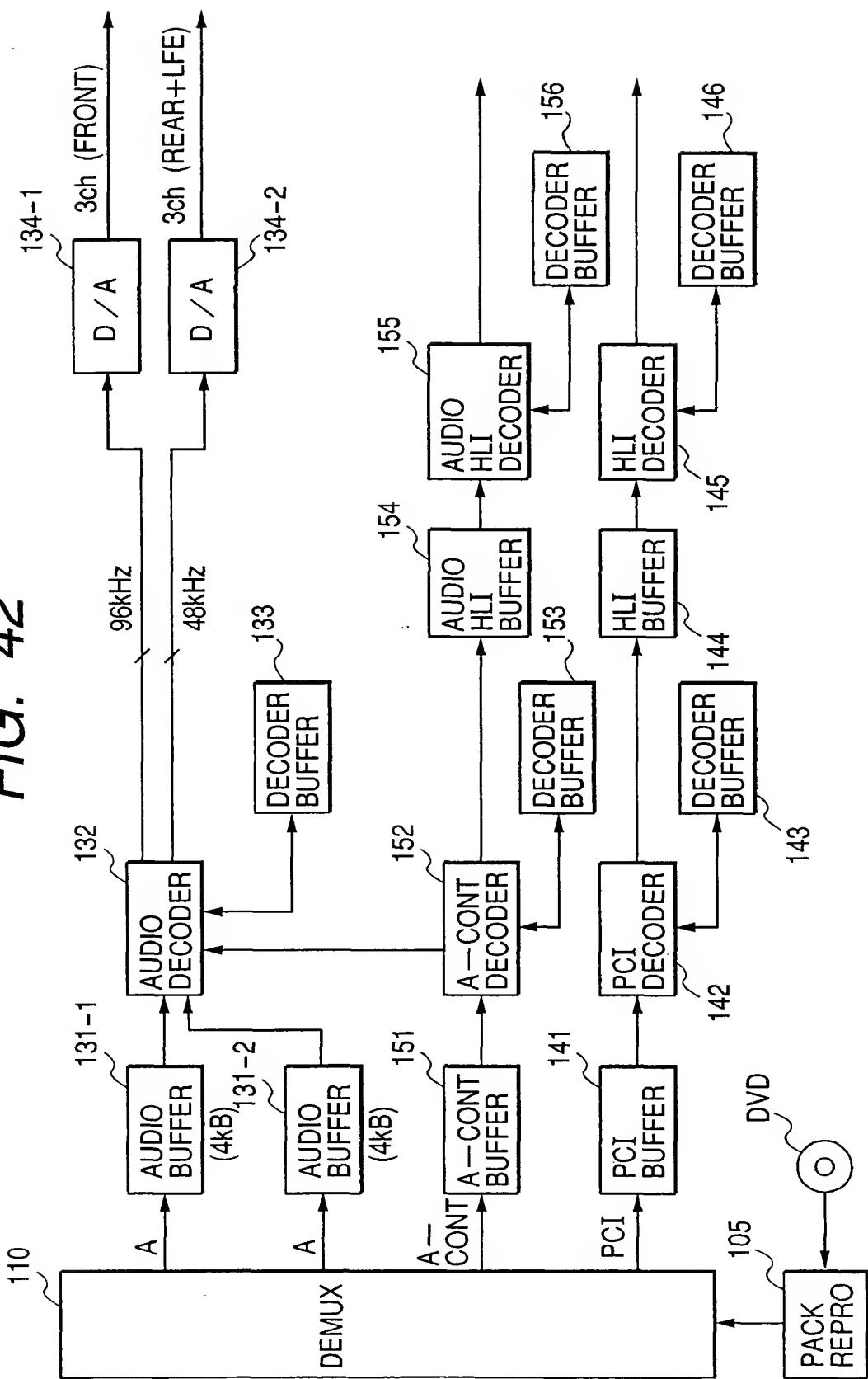


FIG. 43

